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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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TITLE: CELL CULTURE PATTERNING SUBSTRATE

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**AMENDED ABSTRACT**

~~A main object of the present invention is to provide a cell culture~~  
patterning substrate on which cells can be arranged regularly with high efficiency  
over a large area on a base material so as to attain formation of a tissue, etc. ~~To~~  
~~achieve the above mentioned object, the present invention provides a~~ The cell  
culture patterning substrate ~~comprising~~ includes: a base material; and a cell  
culture region which is formed on the base material, is a region for culturing a cell  
and contains a cell adhesive layer having adhesive properties to the cell,—  
~~wherein the.~~ The cell culture region ~~comprises~~ includes: a cell adhesion portion  
at which the cell adhesive layer is formed; and a cell adhesion auxiliary portion,  
formed in a pattern, which inhibits adhesion to the cell, and the cell adhesion  
auxiliary portion is formed such that, upon adhesion of the cell to the cell  
adhesion portion, the cells on two cell adhesion portions adjacent to the cell  
adhesion auxiliary portion can be bound to each other on the cell adhesion  
auxiliary portion.